

PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

| | |
|------------------------|---------------------------|
| Application Number | 10/806,359 |
| Filing Date | March 23, 2004 |
| First Named Inventor | WAYE, Patrick M. Y. |
| Title | System and Method to..... |
| Art Unit | 2633 |
| Examiner Name | n/a |
| Attorney Docket Number | P24304 |

I hereby appoint:

☒ Practitioners associated with the Customer Number:

022839

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
| | |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

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OR

☐ The address associated with Customer Number:

OR

| | | | | | |
|---|---------------------------------|-------|----------------|-----|---------|
| <input checked="" type="checkbox"/> Firm or Individual Name | RICHES, McKENZIE & HERBERT LLP | | | | |
| Address | 2 BLOOR STREET EAST, SUITE 1800 | | | | |
| Address | | | | | |
| City | TORONTO | State | ONTARIO | Zip | M4W 3J5 |
| Country | CANADA | | | | |
| Telephone | (416) 961-5000 | Fax | (416) 961-5081 | | |

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

| | | | |
|-----------|-------------------|-----------|--|
| Name | Patrick M.Y. WAYE | | |
| Signature | | | |
| Date | July 5, 2004 | Telephone | |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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OR

| | | | | | |
|---|---------------------------------|-------|----------------|-----|---------|
| <input checked="" type="checkbox"/> Firm or Individual Name | RICHES, McKENZIE & HERBERT LLP | | | | |
| Address | 2 BLOOR STREET EAST, SUITE 1800 | | | | |
| Address | | | | | |
| City | TORONTO | State | ONTARIO | Zip | M4W 3J5 |
| Country | CANADA | | | | |
| Telephone | (416) 961-5000 | Fax | (416) 961-5081 | | |

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

| | | | |
|-----------|--|-----------|--|
| Name | MINE RADIO SYSTEMS INC.; Patrick M.Y. WAYE (President) | | |
| Signature | | | |
| Date | 3-25-2004 | Telephone | |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 2 forms are submitted.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Patrick M.Y. WAYE

Application No./Patent No.: _____ Filed/Issue Date: _____

Entitled: System and Method to Facilitate Overcoming a Degradation in Transmission...Mine Radio Systems Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[x] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 5, 2004
Date

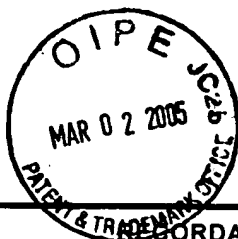
Patrick M.Y. Waye

Typed or printed name

X [Signature]
Signature

President

Title



Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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REGISTRATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

WAYE, Patrick M.Y.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

July 5, 2004

Execution Date: _____

2. Name and address of receiving party(ies)

Name: **MINE RADIO SYSTEMS INC.**

Internal Address: _____

Street Address: **117 Ringwood Drive, Unit #5**

City: **Stouffville** State: **ON** Zip: **L4A 8C1**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/806,359

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Riches, McKenzie & Herbert LLP**

Internal Address: _____

Street Address: **2 Bloor Street East, Suite 1800**

City: **Toronto** State: **ON** Zip: **M4W 3J5**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....\$ **40.00**

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey Pervanas, Reg. No. 41,543

July __, 2004

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **3**

PATENT ASSIGNMENT

In consideration of Five Dollars (\$5.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Patrick M.Y. Waye

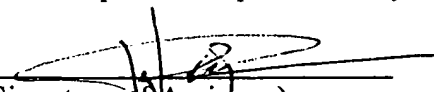
Hereby sell, assign and transfer to Mine Radio Systems Inc., a corporation of the province of Ontario, having a place of business at

117 Ringwood Drive, Unit #5
Stouffville, Ontario
L4A 8C1

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patents, which has been assigned serial no. 10/806,359, and entitled "System and Method to Facilitate Overcoming a Degradation in Transmission Through a Radiating Transmission Line Communication System" and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States, Canada and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States, Canada and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, licence or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

X 
(Signature of Assignor)

EXECUTED at Stouffville, ONTARIO, this 5th day of July, 2004.
CANADA

DECLARATION OF WITNESS

I, PAUL R. COTE, hereby declare that I was personally present and did see Igor Shpigelman duly sign and execute the foregoing assignment.



(Signature of Witness)

Name: PAUL R. COTE

Address: 145 BURKHOLDER ST.
STONEFIELD, ONT.
L1A 4J4